

Figure 1

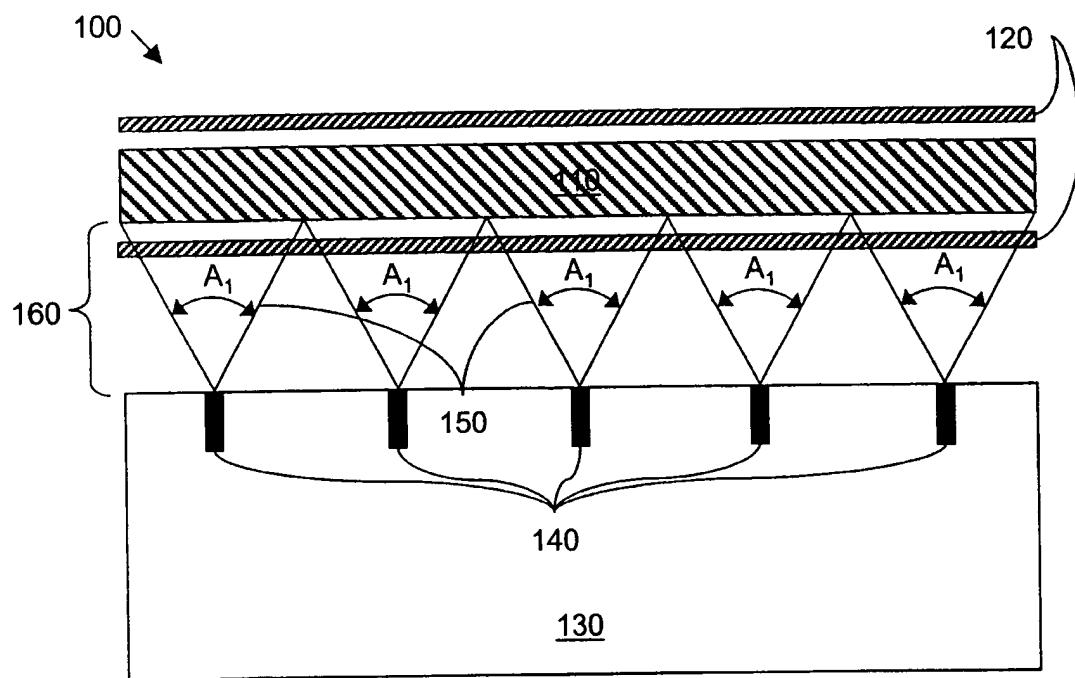


FIGURE 1A

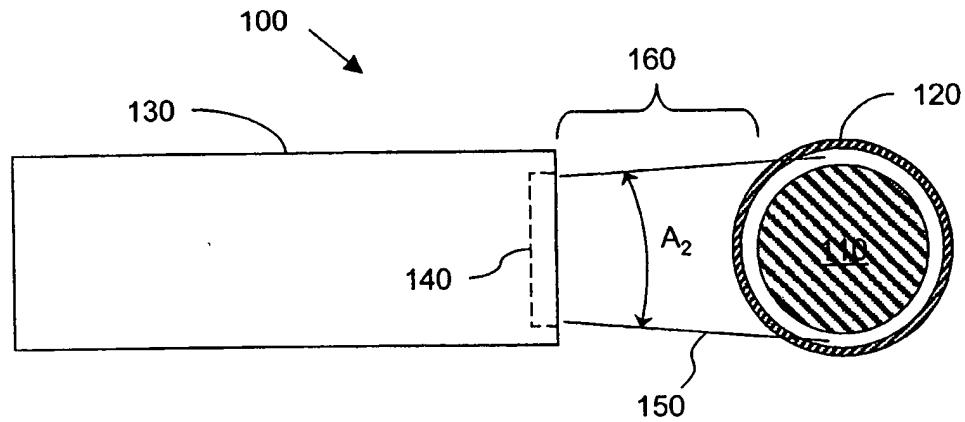
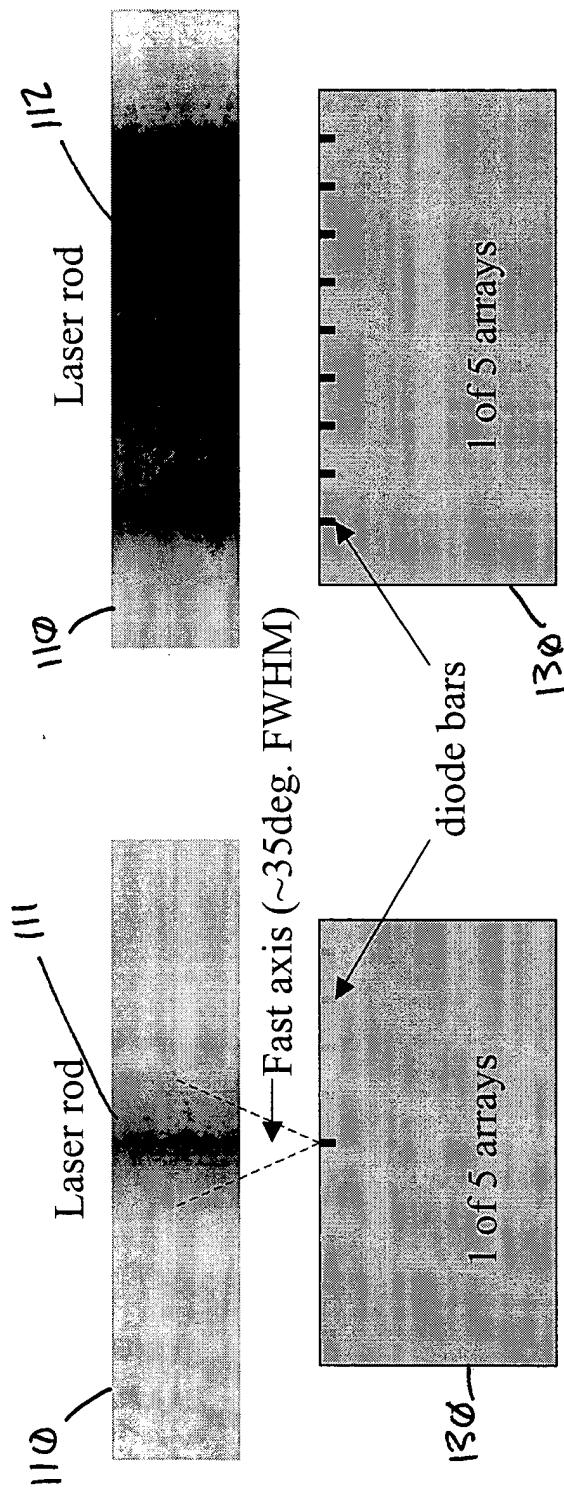


FIGURE 2

Side view



Illumination by a single bar
(for the purpose of understanding)

Illumination by all bars
(actual operation)

Figure 1B

Fig. 1D

Uniform illumination with four 60W bar array (240W)

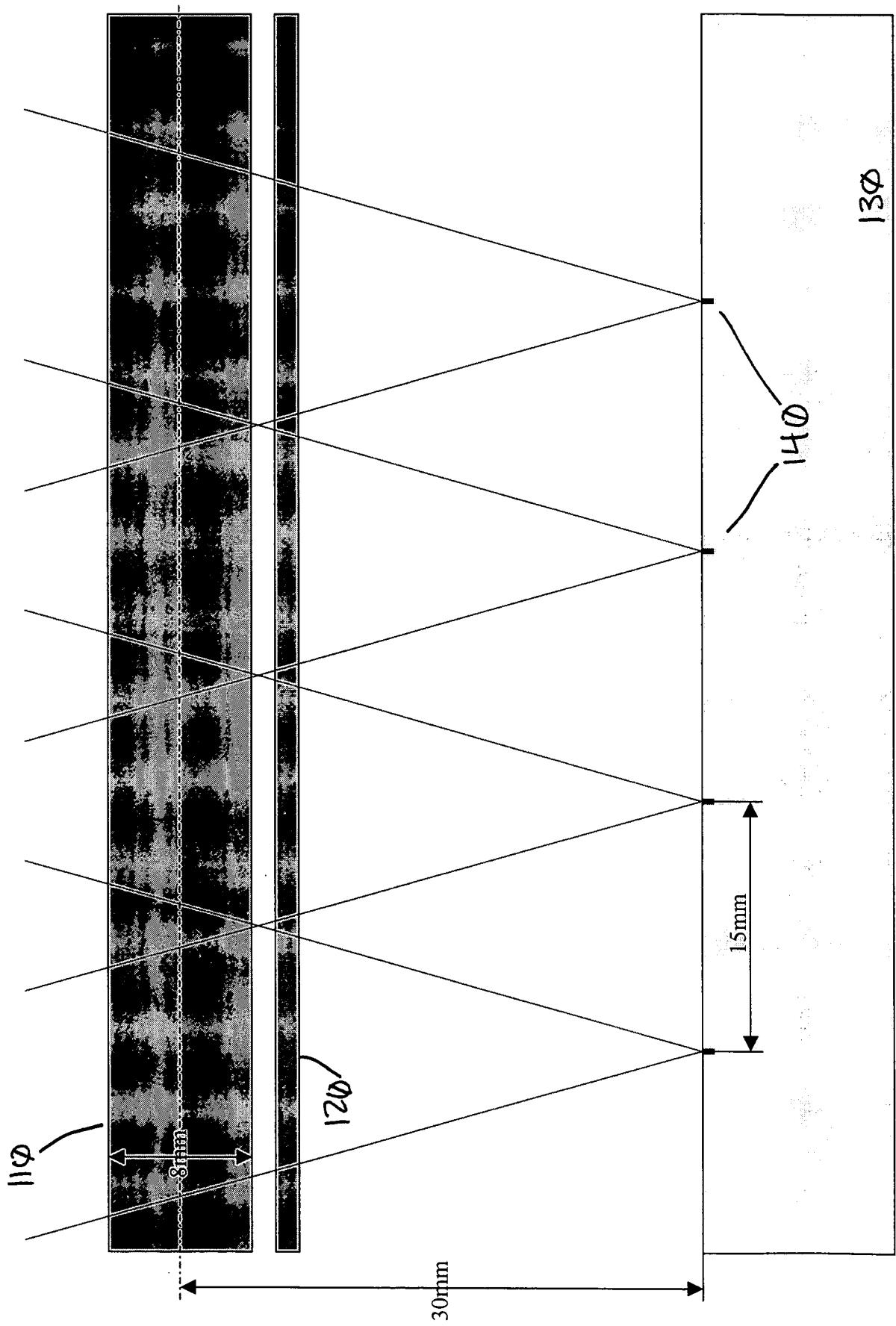


Figure 1E

Minimizing rod's length with 60 W/bar arrays

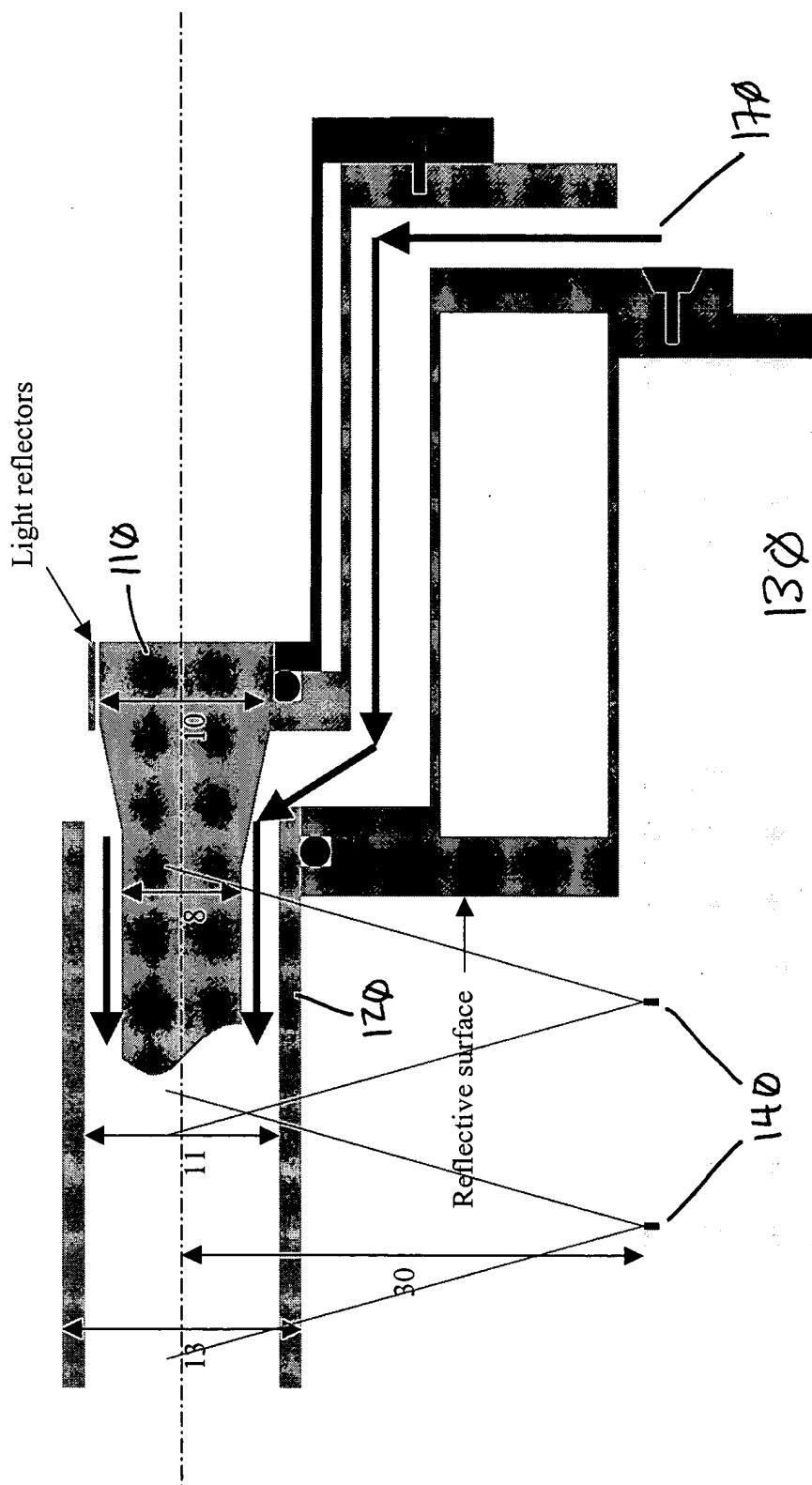
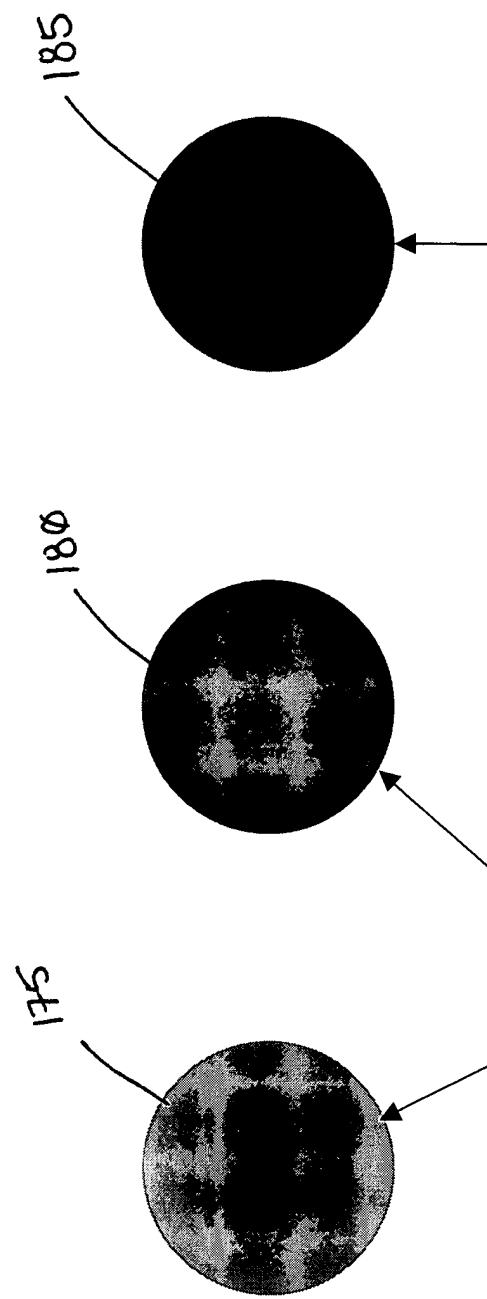


Figure 1F

Front view of laser rod



Non uniform energy deposition
(can't be compensated by spherical lenses) Uniform energy deposition
(can be compensated by spherical lenses)

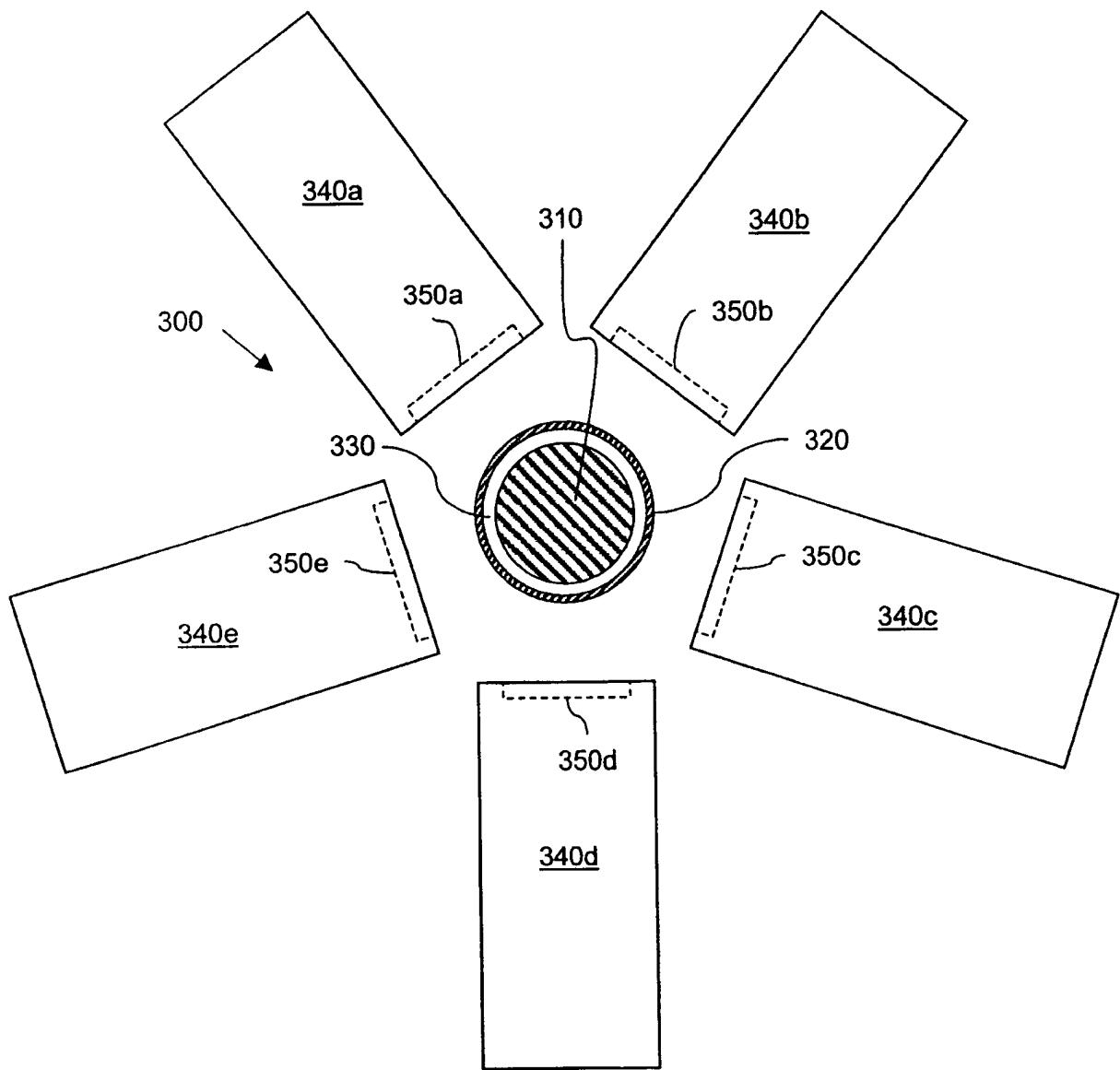


FIGURE 3

Front Cross Section

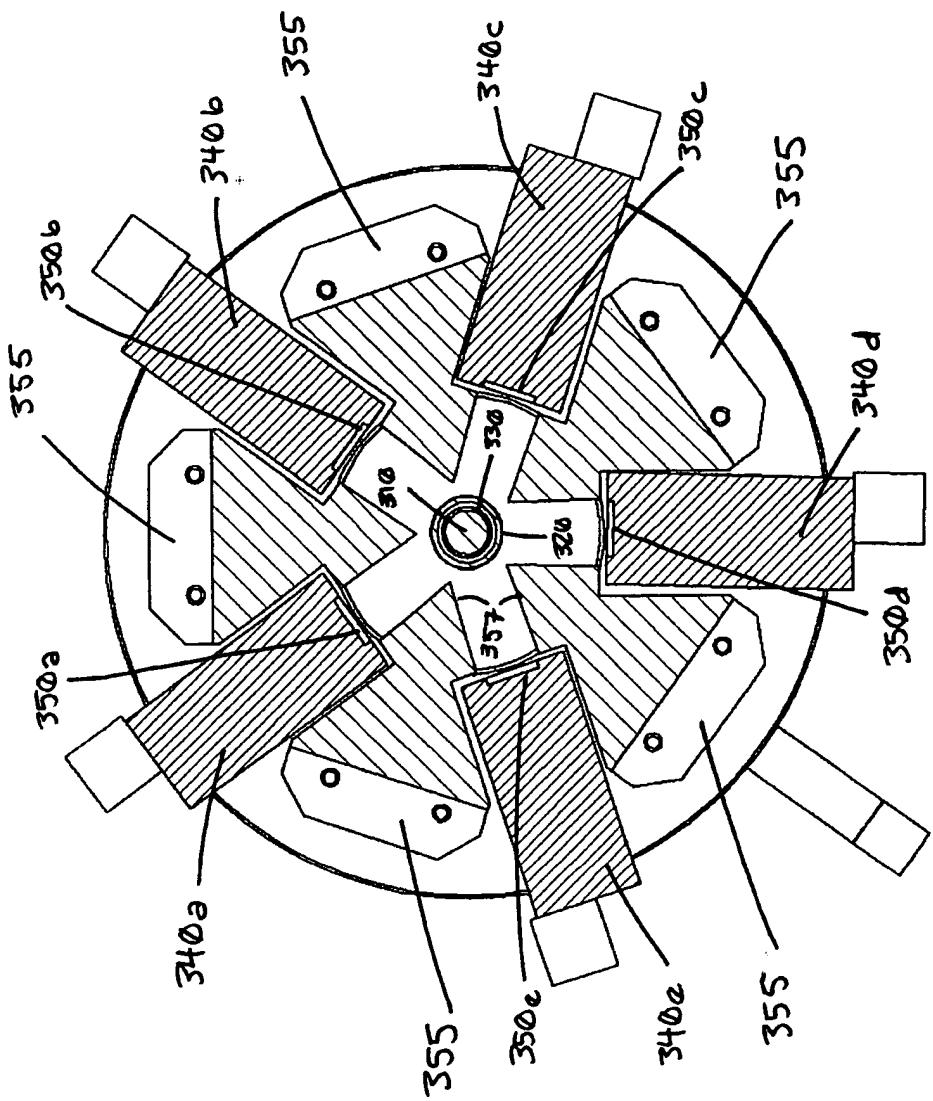


Figure 3A

Side Cross Section

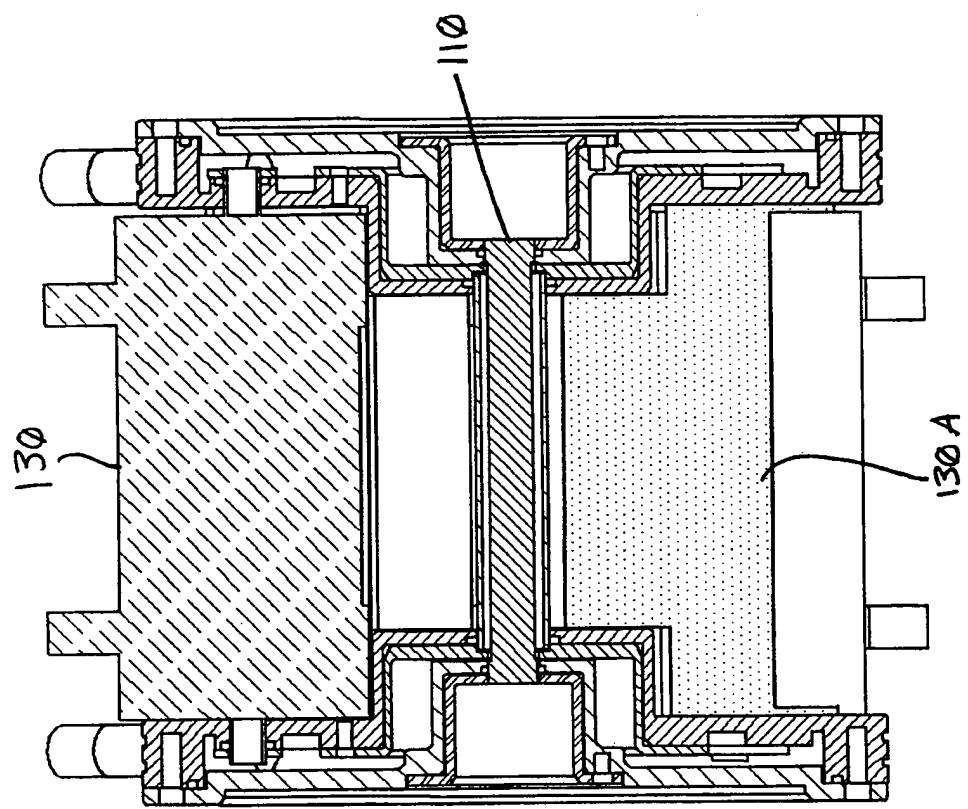


Figure 5

Figure 6

Laser Amplifier configuration

